

AMENDMENT

In the Claims:

~~Please cancel claims 1-38 without prejudice or disclaimer as directed to non-elected inventions.~~

Please enter the following new claims:

39. (New) A polynucleotide that encodes a SGP28 polypeptide, wherein the polynucleotide is selected from the group consisting of:

- (a) a polynucleotide having the sequence as shown in Table 1 (SEQ ID NO: 2), wherein T can also be U;
- (b) a polynucleotide having the sequence as shown in Table 1 (SEQ ID NO: 2), from nucleotide residue number 3 through nucleotide residue number 776, wherein T can also be U;
- (c) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in Table 2 (SEQ ID NO: 3);
- (d) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 27);
- (e) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 3) from amino acid 33 to 258;
- (f) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 17);
- (g) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 18);
- (h) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 19);
- (i) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 20);

- (j) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 21);
- (k) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 22);
- (l) a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 23);
- (m) a polynucleotide that is a fragment of the polynucleotide of (a), (b) or (c) that is at least 20 nucleotide bases in length;
- (n) a polynucleotide that is fully complementary to a polynucleotide of any one of (a)-(m); and,
- (o) a polynucleotide that selectively hybridizes under stringent conditions to the polynucleotide of any one of (a)-(d).

40. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide having the sequence as shown in Table 1 (SEQ ID NO: 2), wherein T can also be U, or a polynucleotide that is fully complementary thereto.

41. (New) A polynucleotide that is a fragment of the polynucleotide of claim 40 that is at least 20 nucleotide bases in length, or a polynucleotide that is fully complementary thereto.

42. (New) A polynucleotide that selectively hybridizes under stringent conditions to the polynucleotide of claim 40.

43. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide having the sequence as shown in Table 1 (SEQ ID NO: 2), from nucleotide

residue number 3 through nucleotide residue number 776, wherein T can also be U, or a polynucleotide that is fully complementary thereto.

44. (New) A polynucleotide that is a fragment of the polynucleotide of claim 43 that is at least 20 nucleotide bases in length, or a polynucleotide that is fully complementary thereto.

45. (New) A polynucleotide that selectively hybridizes under stringent conditions to the polynucleotide of claim 43.

46. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in Table 2 (SEQ ID NO: 3), or a polynucleotide that is fully complementary thereto.

47. (New) A polynucleotide that is a fragment of the polynucleotide of claim 46 that is at least 20 nucleotide bases in length, or a polynucleotide that is fully complementary thereto.

48. (New) A polynucleotide that selectively hybridizes under stringent conditions to the polynucleotide of claim 46.

49. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 27) , or a polynucleotide that is fully complementary thereto.

50. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 3) from amino acid 33 to 258, or a polynucleotide that is fully complementary thereto:

51. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 17), or a polynucleotide that is fully complementary thereto.

52. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 18), or a polynucleotide that is fully complementary thereto.

53. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 19), or a polynucleotide that is fully complementary thereto.

54. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 20), or a polynucleotide that is fully complementary thereto.

55. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 21), or a polynucleotide that is fully complementary thereto.

56. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 22), or a polynucleotide that is fully complementary thereto.

57. (New) A polynucleotide of claim 39 wherein the polynucleotide comprises: a polynucleotide encoding a SGP28 protein having the amino acid sequence shown in (SEQ ID NO: 23), or a polynucleotide that is fully complementary thereto.